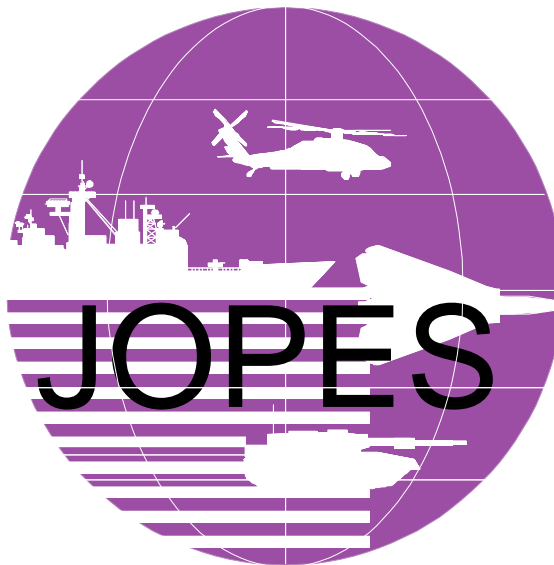




GCCS

System Integration Support



JOPE S “How To” Guide

(Supplement to the JOPE S Users Guide)

Requests for this document must be referred to:

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15 May 1996

GCCS System Engineering Support

JOPES “How To” Guide (Supplement to the JOPES Users Guide)

May 15, 1996

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Contract Number: DCA 100-94-D-0014
Delivery Order Number: 204, Task 5
CDRL Number: A071

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THIS DOCUMENT IS UNCLASSIFIED

JOPEs “HOW TO” GUIDE
(Supplement to the JOPEs Users Guide)

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Introduction

Chapter 1

INTRODUCTION

Identification

This “How To” Guide provides the user with ready reference materials to assist in the use and execution of the Joint Operation Planning and Execution System (JOPES) applications. It is designed as a “living” document and will be kept up-to-date as rapidly as possible considering the continuing evolutionary nature of the program. It is to be used in conjunction with the JOPES Users Guide and as a supplement to JOPES application user manuals and handbooks. Cross referencing has been added throughout the “How To” Guide to point the user to a greater level of detail. This document is intended for the Joint Planning and Execution Community (JPEC) and will in fact become a feedback tool to get the “word” out as JOPES evolves.

System Overview

The Global Command and Control System (GCCS) was developed to replace existing Worldwide Military Command and Control System (WWMCCS) Command, Control, Communications, Computers, and Intelligence (C4I) systems and applications. GCCS, which is continuing to evolve, is to be the single, global C4I system to support the war fighter, whether from a foxhole or from a Commander-in-Chief’s (CINC’s) command post. A major part of the initial GCCS application environment is JOPES, which was migrated, translated, and developed from legacy and prototype subsystems, to run on the GCCS hardware.

JOPES is the integrated, joint, conventional command and control system used by the JPEC to conduct joint military planning, execution (including theater-level nuclear and chemical plans), and monitoring activities. JOPES supports senior-level decision-makers and their

staffs at the National Command Authority (NCA) level and throughout the JPEC. Combatant commanders use JOPES to determine the best Course of Action (COA) to accomplish assigned tasks and direct the actions necessary to accomplish the mission.

JOPES replaces legacy systems that executed primarily in a Honeywell mainframe environment. JOPES operates in a client-server environment. Users access JOPES using workstations as client computers connected to a server via a local area network (LAN). The clients can be Sun workstations, International Business Machines (IBM) compatible personal computers (PCs), X-terminals, or other types of computers. The client workstations connect via LANs and the Secret Internet Protocol Router Network (SIPRNet) to other computers acting as servers for JOPES applications. A JOPES client workstation provides a single entry point that allows access to all JOPES applications and servers on the network. The JOPES user is presented with the same application environment despite the type of terminal used.

Document Overview

This document is formatted into chapters that enable the user to visualize the structure of a JOPES through line drawings of the top level menu structure for each application. This is followed by the launching activities and various “How To” scenarios in order for the user to effectively operate each application. The Guide also provides helpful hints and answers to frequently asked questions for each application. *Note:* Items marked “TBD” means that the text was not available at the time this Guide was produced.

The chapters are as follows:

- Chapter 2 lists the references used in preparing this user's "How To" Guide and documents used as cross references.
- Chapter 3 presents the top level menu structures for each JOPES application;
- Chapter 4 shows the "How To" steps to be performed and executed to each of the JOPES applications; and
- The appendices present definitions of acronyms, abbreviations, and terms used within this "How To" Guide and instructions on communicating via GCCS Teleconferencing.

References

Chapter 2

REFERENCES

The following documents were used in preparing this “How To” Guide or serve as pointers to source documents such as users manuals and handbooks that are cross referenced within the Guide to provide additional information to the users.

It should be noted that individual JOPES user’s manuals are only periodically scheduled for update and may not be compatible with the latest fielded version of the JOPES applications. Wherever possible, the cross references to the user’s manuals in this Guide have been referenced to the third level. This “How To” Guide is either in concert with or very close to the latest versions of fielded application. Eventually, as the JOPES system matures, the user’s manuals will catch up and remain current over long periods of time, and can then be referenced in more detail in the Guide.

- a. Defense Information Systems Agency (DISA) Joint Information Service Center (JISC), Joint Operation Planning and Execution System (JOPES) Transaction Editor (TE) Users Manual, Volume 9, September 15, 1994.
- b. DISA Defense Systems Support Organization (DSSO), Joint Operation Planning and Execution System (JOPES) JDS Applications Users Manual, Volume 2, August 17, 1994.
- c. Joint Interoperability and Engineering Organization (JIEO)/JEXI, Software Users Manual: RDA User Manual, August 7, 1995.

- d. Science Applications International Corporation (SAIC) and Computer Sciences Corporation (CSC), GCCS Version 2.X Software Users Manual (SUM) (Working Draft), To Be Published (TBP).
- e. DISA/JIEO/JEXI, Software User's Manual: JOPES External System Interfaces, September 11, 1995.
- f. DISA/JIEO/JEXI, Software User's Manual: LOGSAFE, June 15, 1995.
- g. DISA/JIEO/JEXI, Joint Engineer Planning and Execution System (JEPES) Users Manual, May 15, 1995.
- h. DISA/JIEO/JEXI, Software User's Manual: Predefined Reports User Manual, June 30, 1995.
- i. DISA/JIEO/JEJ, Predefined Reports User Manual, December 8, 1995.
- j. DISA/JIEO/JEXI, The Joint Flow and Analysis System for Transportation (JFAST) User's Guide, Version 6.0, January 6, 1995.
- k. DISA/JIEO/JEXI, Ad Hoc Query (AHQ) Users Manual, SMM/AHQ.H00J.01.888, September 9, 1994.
- l. DISA/JIEO/JEXI, Medical Planning and Execution System (MEPES) Users Manual, TR-94-1248030-0078, November 1994.
- m. DISA/JIEO/JEXI, Software Users Manual (SUM) Scheduling and Movement Client/Server, SVH.H00G.02.888, August 31, 1994.

- n. DISA/JIEO/JEXI, Force Augmentation Planning and Execution System (FAPES) Software Users Manual, FAPESUM.H00G.01.889, July 22, 1994.
- o. DISA/D611, JOPEs Users Guide, May 15, 1996.
- p. DISA/JIEO/JEXI, Software User's Manual: LOGSAFE, June 15, 1995.
- q. Gain Momentum, Release 3.1-41, Developing Database Applications with Gain Momentum, Document ID: 38540-01-0310-01, February 21, 1995.
- r. United States Transportation Command, The JFAST User's Guide, January 6, 1995.

APPLICATION MENU STRUCTURE

Chapter 3

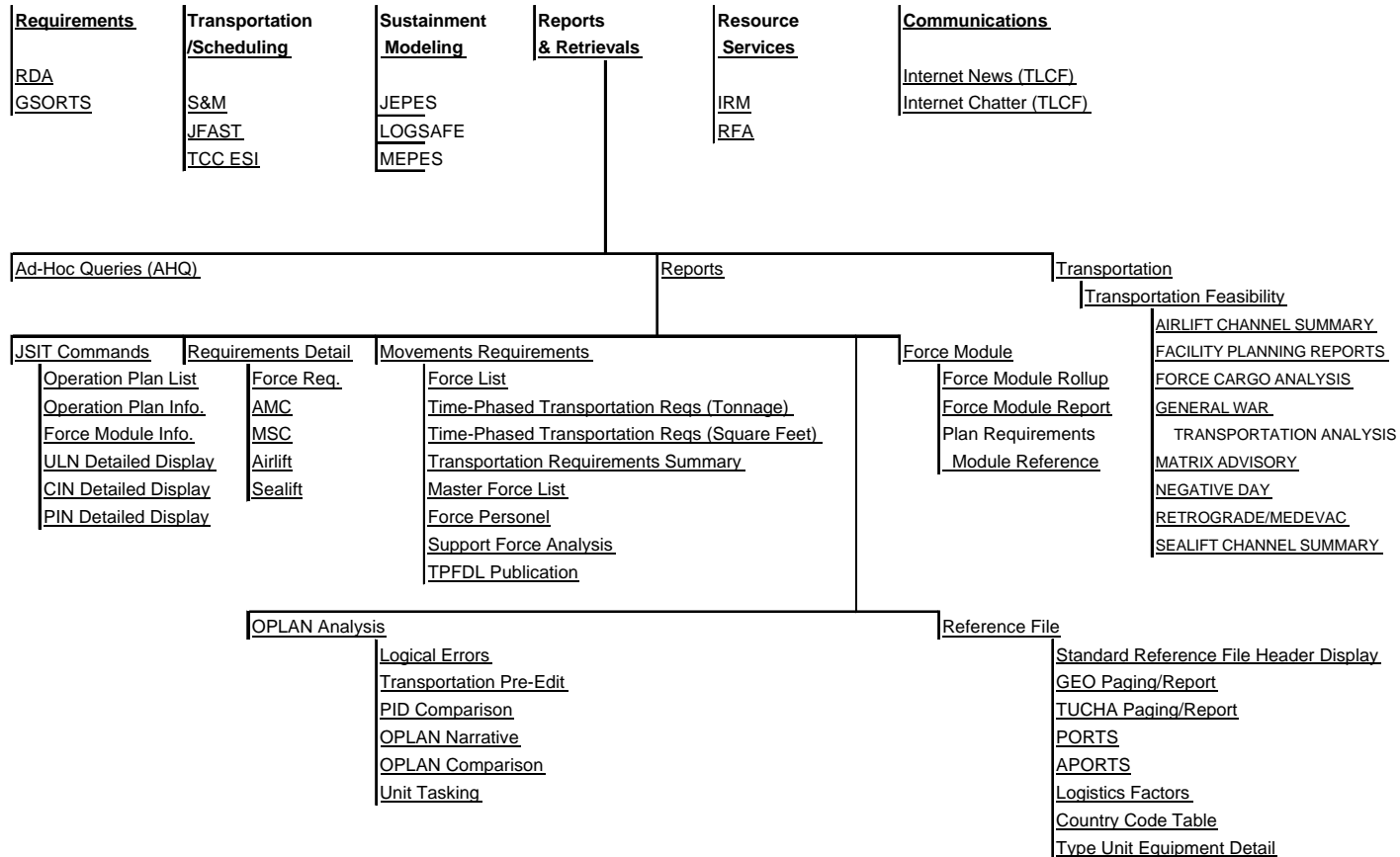
APPLICATION MENU STRUCTURE

Refer to the following charts for the menu selections for each application in the following order:

JNAV	- MENU 1
RDA	- MENU 2
S&M	- MENU 3
JFAST	- MENU 4
TCCEI	- MENU 5
JEPES	- MENU 6
LOGSAFE	- MENU 7
MEPES	- MENU 8
AHQ	- MENU 9
PDR	- MENU 10 (1 of 2)
PDR	- MENU 11 (2 of 2)
System Services	- MENU 12

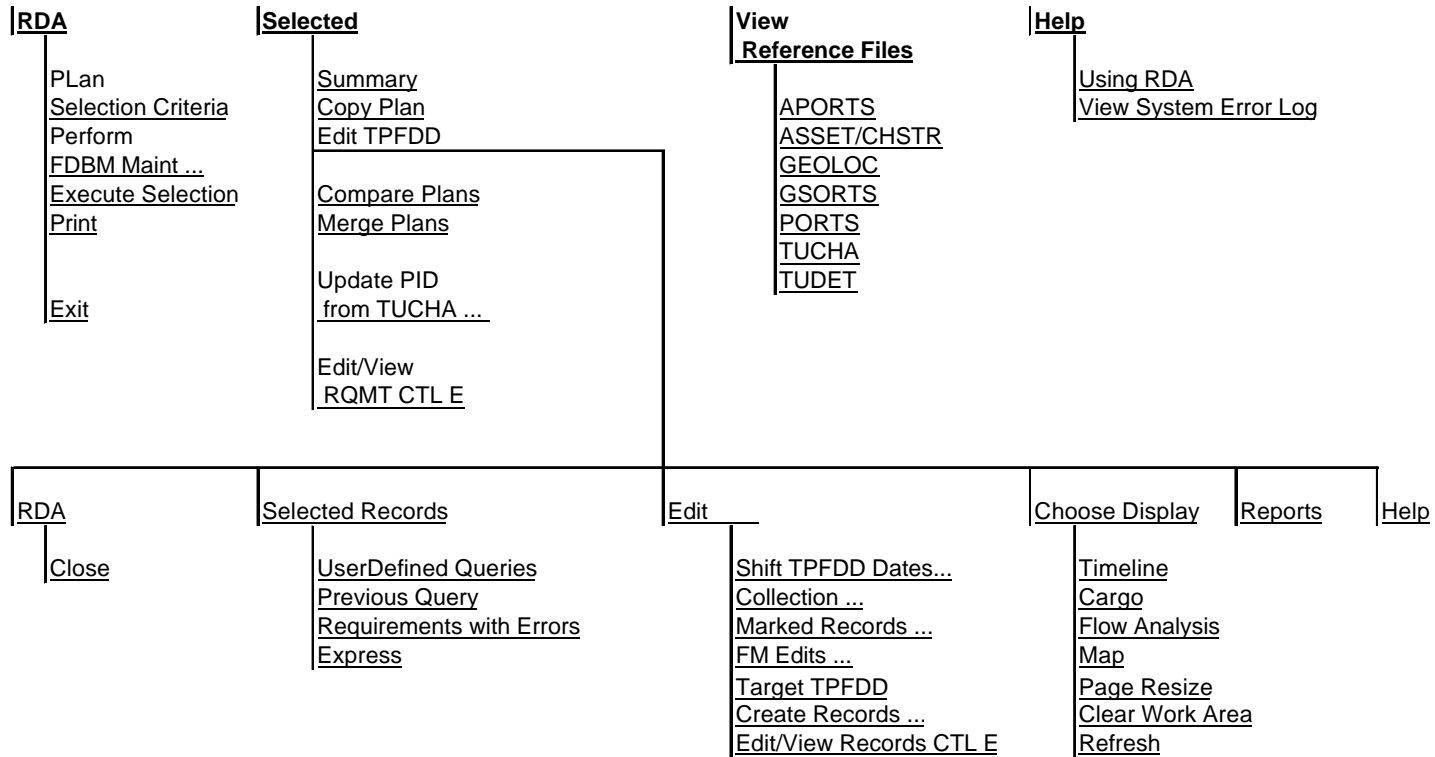
<p><u>Note:</u> When viewing menus on the monitor, menu choices may be grayed out or unavailable at that time. These choices were <u>not</u> included in the following line drawings.</p>

JNAV



JNAV - MENU 1

RDA



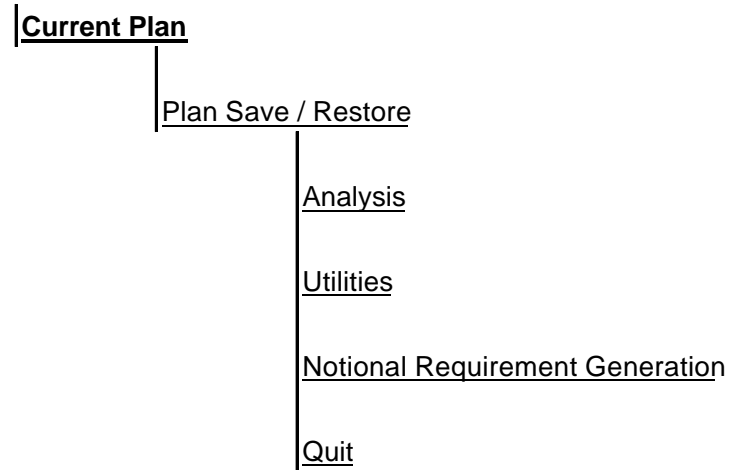
RDA - MENU 2

Scheduling and Movement

<u>Add New Carrier and Itinerary</u>	<u>Review or Modify Carrier</u>	<u>Carrier OPLAN Support</u>	<u>Allocation /Manifests</u>	<u>Copy Carrier</u>	<u>Delete Carrier</u>	<u>Reports</u>	<u>Utilities</u>
<u>Add Air Cargo/Pax Carrier</u> <u>Air Non-Cargo/Non-Pax Carrier</u> <u>Land Cargo/Pax Carrier</u> <u>Sea Cargo/ Pax Carrier</u> <u>Sea Non-Cargo/Non-Pax Carrier</u>			<u>Add Group Allocation</u> <u>Add, Review, Mod. Allocations</u> <u>Deallocate Carrier</u> <u>Add Group Manifest</u> <u>Add, Review, Mod. Manifest</u> <u>Demanifest Carrier</u>			<u>Movement Schedule Report</u> <u>Movement allocation/Manifest Report</u> <u>Channelized Requirements Reports</u> <u>Port Movement Workload Report</u> <u>Deployment Summary Report</u> <u>Force Module Summary Report</u> <u>Deployment Status Report</u>	

S&M - MENU 3

JFAST



JFAST - MENU 4

TCCESI

Supported CINC Site Validator

Supported CINC Validation

Reports Only

Actual Validation and Reports

Supported CINC Status Flag Override

Unvalidate Previously Validated ULNs

Reports and Utilities

Delete / List Carriers

List Carriers on OPLAN

List Carriers on Database

Delete Carriers on OPLAN

Delete TCC Interface Files for an OPLAN

USTC User

Supported CINC Validation

Reports Only

Actual Validation and Reports

Supported CINC Status Flag Override

Unvalidate Previously Validated ULNs

Reports and Utilities

Delete / List Carriers

List Carriers on OPLAN

List Carriers on Database

Delete Carriers on OPLAN

Delete TCC Interface Files for an OPLAN

USTC Status / Problem Flags Override

OPLAN

FMID

Special ULNs

USTC Requirements Pull

Reports Only

Actual Pulled Requirements and Report

AMC / MSC User

TCC Problem Indicator Flag Override

Remove Problem Indicator Flag (AMC User)

Set Problem Indicator Flag to P' (AMC User)

Set Problem Indicator Flag to M' (MSC User)

Reports and Utilities

Delete / List Carriers

List Carriers on OPLAN

List Carriers on Database

Delete Carriers on OPLAN

Delete TCC Interface Files for an OPLAN

TCCESI - MENU 5

JEPES

<u>Utilities</u>	<u>Database Maintenance</u>	<u>Requirements Generation</u>	<u>Requirements Analysis</u>	<u>Reports / Queries</u>	<u>Support Functions</u>
<u>Import V6 Database</u>	<u>Edit Tables</u>	<u>Unit Allocated</u>		<u>JEPES Standard Rpts.</u>	<u>Non Unit Cargo</u>
<u>Import V7 Database</u>		<u>Planner Facility</u>		<u>Users Defined Rpts.</u>	<u>Logistics</u>
<u>Import Dependent</u>		<u>Population</u>	<u>OPLAN ID</u>	<u>Ad Hoc Queries</u>	<u>Sustainability Anal.</u>
<u>Import Independent</u>		<u>Base</u>	<u>Eng. PhaseIn Efficiency</u>		
<u>Export V6 Database</u>		<u>Requirements</u>	<u>Engineer Attrition</u>		
<u>Export Dependent</u>			<u>Skill Substitution</u>		
<u>Export Independent</u>			<u>Region / time Constraint</u>		
<u>TPFDD Extract</u>			<u>Assess War Damage</u>		
<u>TUCHA Extract</u>			<u>Engineering Force</u>		
			<u>Apply Assets</u>		
			<u>Apply Eng. Resources</u>		
	<u>1. Edit Plan Dependent tbl.</u>				
	<u>2. Edit Plan Independent tbl.</u>				
	<u>3. Data Base Analysis</u>				
	<u>4. Update Asset/War Damage Factor tbl.</u>				
	<u>5. Update Deployed Eng Unit (Troop) tbl.</u>				
	<u>6. Update 4 and 5 above</u>				
	<u>Database Analysis</u>				

JEPES - MENU 6

LOGSAFE

(See Note)

<u>File</u>	<u>Import</u>	<u>Setup Forces</u>	<u>Status Forces</u>	<u>Generate Requirements and NURCS</u>	<u>Reports</u>	<u>Export</u>
<u>Delete</u>	Class 4A (JEPES)	<u>Create</u>	<u>Reference Files</u>		<u>Forces</u>	<u>Channelized NURCs</u>
<u>Load</u>		<u>Modify</u>	<u>Model</u>		<u>View Entire File</u>	<u>Sort</u>
<u>Save</u>		<u>Validate</u>	<u>Planning Factors</u>	<u>Service</u>	<u>View By Service</u>	<u>Extract</u>
<u>Exit</u>	Class 8 (MEPES)		<u>Ports of Support</u>	Army	<u>View By FM</u>	<u>Browse</u>
		<u>View Entire File</u>	<u>Unit Consumption</u>	Air Force	<u>View By UTC</u>	<u>Modify</u>
		<u>View By Service</u>	<u>Error Reports</u>	Navy	<u>View By ULN</u>	<u>Validate</u>
		<u>View By FM</u>		Joint		<u>Update TPFDD</u>
		<u>View BY UTC</u>		Marines	<u>General Supply</u>	
		<u>View By ULN</u>		Navy		<u>Unchannelized NURCs</u>
				Coast Guard	<u>Planning Factors</u>	<u>Sort</u>
		<u>Planning Factors</u>			<u>General Information</u>	<u>Extract</u>
		<u>Create</u>		<u>Include Data From</u>	<u>Plan Definition</u>	<u>Browse</u>
				JEPES 4A	<u>Classes Subclasses</u>	<u>Modify</u>
		<u>Modify</u>		MEPES 8A	<u>Supply Buildup</u>	<u>Validate</u>
				MEPES 8B	<u>POE Selections by Origin</u>	<u>Update TPFDD</u>
					<u>Subclass Cons and Conv</u>	<u>Recycle</u>
					<u>Country Related</u>	
					<u>PWRS and Safety Level</u>	
					<u>Comments</u>	
					<u>Print Multiple Reports</u>	
		<u>Validate</u>			<u>Ports of Support</u>	
					<u>By Service</u>	
		<u>Ports of Support</u>			<u>Forces Match</u>	
		<u>Create</u>			<u>Forces No Match</u>	
					<u>PWRS Exhaust Day</u>	
		<u>Modify</u>			<u>Unit Consumption</u>	
					<u>Service Only</u>	
					<u>FCC and Service</u>	
					<u>UTC Only</u>	
					<u>Forces Match Report</u>	
					<u>Forces No Match Report</u>	
		<u>Unit Consumption</u>				
		<u>Create</u>			<u>JEPES Data</u>	
		<u>Modify</u>			<u>MEPES Data</u>	
		<u>Subclass Definitions</u>				

Note: Menu is for LOGSAFE 2.6

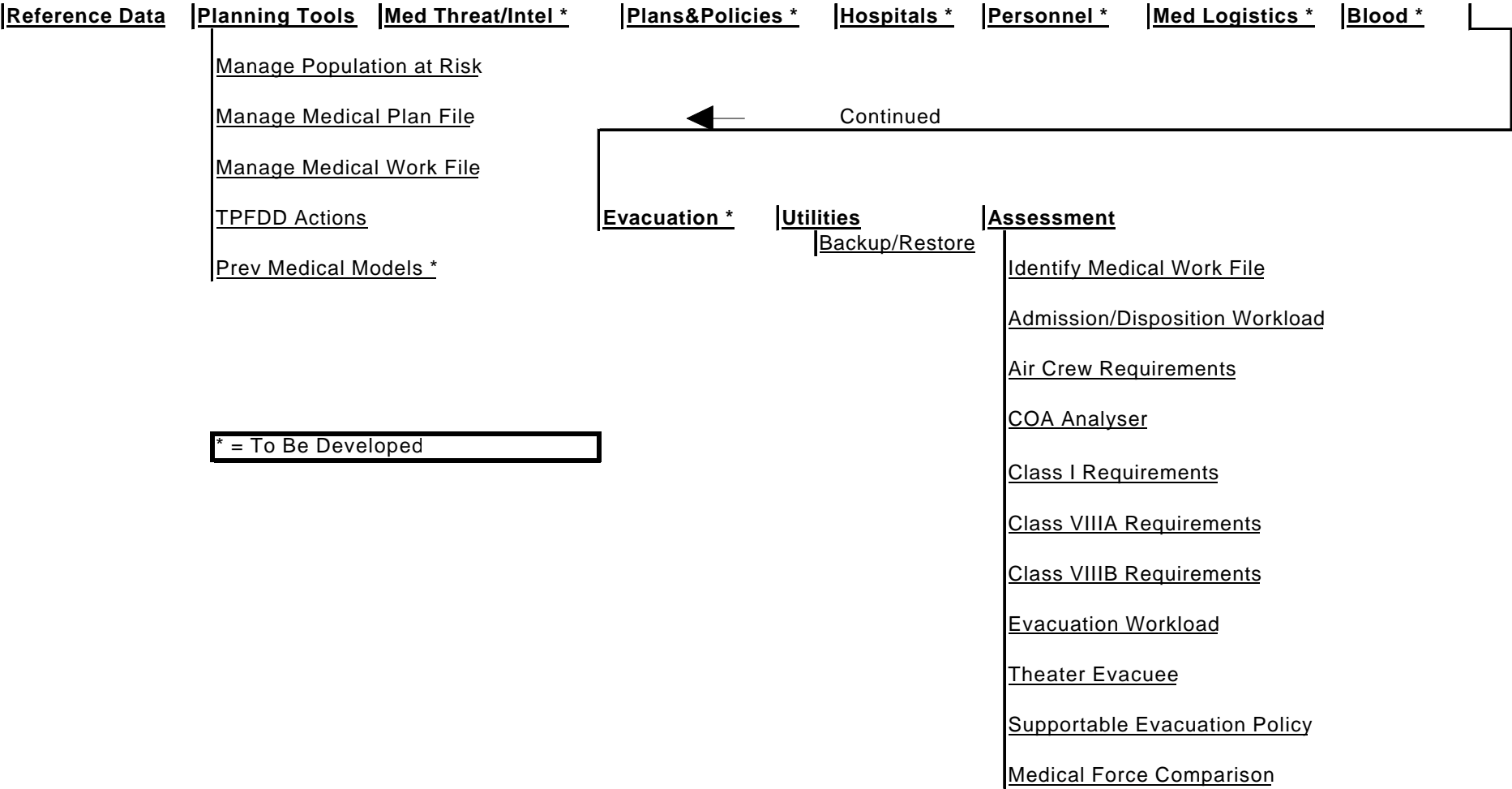


= Not Implemented.

Includes GEO help on selected windows

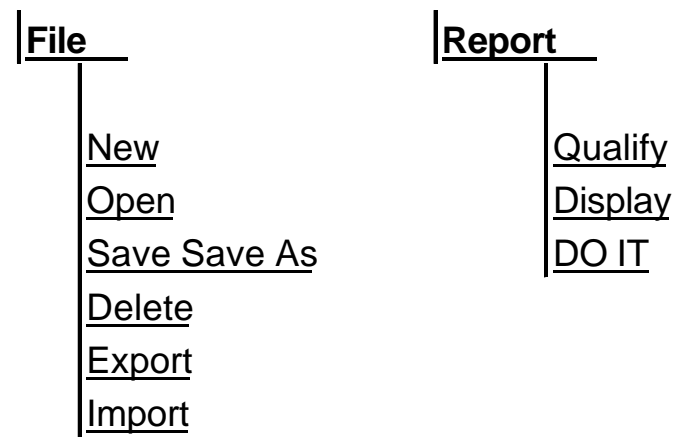
LOGSAFE - MENU 7

MEPES



MEPES - MENU 8

Ad Hoc Query



AHQ - MENU 9

PDR

PDR

Exit

Report
Selection

Force Requirement Cargo Detail

Force Module

Attribute...

Select All ULNs

Unit Characteristics...

Service Code

Unit Codes...

UIC

UTC

PIC

FIC

Origin...

Providing Organization

RLD

CEI

POE...

ALD

GEOLOC...

GEOLOC Code

Country/State Code

POD...

EAD

LAD

GEOLOC

GEOLOC Code

Country/State Code

Mode/Source

Destination...

RDD

Force List/Movement Requirements Working Paper, or
Time-Phased Transportation Req List - Tonnage, or
Time-Phased Transportation Req List - Square Feet, or
Force Module Rollup, or
Plan Requirements Module Reference, or
Force Module Report, or
Logical Errors Report, or
Transportation Pre-Edit Report

Force Module

Attribute...

Select All ULNs

Select All CINs

Select All PINs

Unit Characteristics...

Service Code

Unit Codes...

Unit Identification Code (UIC)

Unit Type Code (UTC)

PIC

FIC

Providing Organization

Critical Employment Indicator (CEI)

Origin...

RLD

POE...

ALD

GEOLOC...

GEOLOC Code

Country/State Code

POD...

EAD

LAD

GEOLOC

GEOLOC Code

Country/State Code

Mode/Source

Destination...

RDD

Transportation

Requirements Summary

Force Module

Attribute...

REQID

Select All ULNs

Select All CINs

Select All PINs

Origin...

RLD

POE...

ALD

GEOLOC...

GEOLOC Code

Country/State Code

POD...

EAD

LAD

GEOLOC

GEOLOC Code

Country/State Code

Mode/Source

Destination...

RDD

PDR -MENU 10 (pg. 1 of 2)

PDR Continued

PDR

AMC Requirements
Detail Report, or

MSC Requirements
Detail Report, or

Airlift Requirements
Detail Report, or

Sealift Requirements
Detail Report

Origin...

RLD

POE...

ALD

POD...

EAD

LAD

Destination...

RDD

PID
Comparison

Records to Compare

Forces

All

Selected

Non-Unit Personnel

All

Selected

Non-Unit Cargo

All

Selected

Fields to Compare

Full Compare

Selective Compare

Force Description

Force Related Personnel and Cargo

Force Related Location

Force Related Force Module and Assorted Data

Cargo Description

Cargo Category Data

Cargo Related Location Data

Personnel Description

Personnel Related Location Data

GEO Paging Report

GEO Name

Ct/St ...

Inst ...

Geo

ICAO

MILSTAMP

LPR...

UIC ...

Create Date

Change Date

Canclld Date

SC

TUCHA
Report

Reference
File Summary

(No menus)

Specific Unit Type Codes (UTCs)...

Service Codes...

Deployment Indicator...

Unit Types...

Unit Movement...

PDR -MENU 11 (pg. 2 of 2)

System Services

<u>System Services Utilities</u>	<u>Journaling</u>	<u>Monitors</u>	<u>Audit Reports</u>	<u>Plan Management</u>	<u>Merge TPFDD</u>	<u>Create TPFDD File</u>
<u>Transaction Processor Management</u>		<u>Receive Queue Detail</u>		<u>Plan Management</u>		
<u>Transaction Distribution Management</u>		<u>Receive Queue Summary</u>		<u>User Permissions</u>		
<u>TDS Network Management</u>		<u>Send Queue Detail</u>		<u>User Permissions Report</u>		
<u>External Transaction Processor</u>		<u>Server Monitor</u>		<u>Offload Plan</u>		
				<u>Reload Plan</u>		
				<u>Local Plan Recovery Cleanup</u>		
				<u>Selective Site Data Recovery</u>		
				<u>Plan Network Status</u>		
				<u>Load Plan From TPFDD</u>		

System Services - MENU 12